

SEARCH REQUEST FORM

Requestor's
Name: M. Peffley Serial
Number: 08/889,825
Date: 9/15/98 Phone: 308.4305 Art Unit: 3736

Search Topic:

Please write a detailed statement of search topic. Describe specifically as possible the subject matter to be searched. Define any terms that may have a special meaning. Give examples or relevant citations, authors, keywords, etc., if known. For sequences, please attach a copy of the sequence. You may include a copy of the broadest and/or most relevant claim(s).

LITIGATION SEARCH ON

Ser. # 08/889,825

5431,648

— no reported litigation —

STAFF USE ONLY

Date completed: 9-16-98
Searcher: EJ
Terminal time: 8
Elapsed time: _____
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Total time: 10
Number of Searches: 2
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Type of Search

N.A. Sequence

A.A. Sequence

Structure

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PATNO IS 5431648

DATE: SEPTEMBER 16, 1998
LIBRARY: PATENT
FILE: ALL

Your search request is:
PATNO IS 5431648

Number of PATENTS found with your search request through:
LEVEL 1... 1

Your search request has found 1 PATENT through Level 1.
To DISPLAY this PATENT press either the KWIC, FULL, CITE or SEGMENTS key.
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LEVEL 1 - 1 PATENT

1. 5,431,648, Jul. 11, 1995, Radiating device for hyperthermia, Lev, Avigdor, Segrate, Fondazione Centro S. Raffaele Del Monte Tabor, Milan, Italy (03)

Press Alt-H for Help or Alt-Q to Quit.

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LEVEL 1 - 1 OF 1 PATENT

5,431,648

<=2> GET 1st DRAWING SHEET OF 4

Jul. 11, 1995

Radiating device for hyperthermia

**REISSUE: Reissue Application Filed Jul. 8, 1997 (O.G. Jun. 9, 1998) Ex. Gp.:
3309; Re. S.N. 08/889, 825**

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5,431,648 OR 5431648

Your search request has found no CASES.

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To enter a new search request, type it and press the ENTER key.

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1	1	US5431646/PN
2	1	US5431647/PN
3	1	US5431648/PN
4	1	US5431649/PN
5	1	US5431650/PN

UP N OR DOWN N?

sel 3

ss 1 RESULT (1)

prt full ind

-1- (LEGSTAT)

PATENT NUMBER	US 5431648 [US5431648]
DOCUMENT TYPE	US-P
ACTION	94.05.03 US/AE-A
	APPLICATION DATA (PATENT)
	{US 232190/94 [94US-232190] 94.05.03}
ACTION	95.07.11 US/A
	PATENT
ACTION	96.02.13 US/CC
	CERTIFICATE OF CORRECTION
ACTION	98.06.09 US/RF
	REISSUE APPLICATION FILED
UPDATE	970708
	9829

SS 3?

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SS 1?
nbr us5431648

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6 2 US5431459/PN
7 1 US5431597/PN
8 1 US5432409/PN
9 1 US5432461/PN
10 2 US5432544/PN

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SS 1?
nbr us5431648

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11 1 US5431637/PN
12 1 US5431639/PN
13 2 US5431648/PN
14 1 US5431654/PN
15 1 US5431655/PN

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sel 13

SS 1 RESULT (2)

SS 2?
prt full ind 1-2

-1- (PAST)
ACCESSION NUMBER 9823-000985
PATENT NUMBER US5431648
DOCUMENT TYPE A (UTILITY)
OFFICIAL GAZETTE 98.06.09
CODE REA

} no citations for '648 in LITALERT

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ACTION	REISSUE APPLICATION FILED
SUBJECT HEADING	REISSUE APPLICATION FILED
-2- (PAST)	
ACCESSION NUMBER	9607-001126
PATENT NUMBER	US5431648
DOCUMENT TYPE	A (UTILITY)
OFFICIAL GAZETTE	96.02.13
CODE	COR
ACTION	CERTIFICATE OF CORRECTION
SUBJECT HEADING	CERTIFICATE OF CORRECTION

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File 345:Inpadoc/Fam.& Legal Stat. 1998/UD=9836
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Set Items Description
S1 1 PN="US 5431648"

1/9/1

DIALOG(R) File 345:Inpadoc/Fam.& Legal Stat.
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11585227

Basic Patent (No,Kind,Date): IT 91502993 A0 911111 <No. of Patents: 013>

PATENT FAMILY:

AUSTRIA (AT)

Patent (No,Kind,Date): AT 150632 E 970415
BESTRAHLUNGSVORRICHTUNG ZUR HYPERTHERMIE (German)
Patent Assignee: FONDAZIONE CENTRO SAN RAFFAELE (IT)
Author (Inventor): LEV AVIGDOR (IT)
Priority (No,Kind,Date): IT 91MI 2993 A 911111
Applic (No,Kind,Date): EP 92924853 A 921110
Addnl Info: 00612228 970326
IPC: * A61B-017/36
Derwent WPI Acc No: * G 93-182176
Language of Document: German

AUSTRIA (AT)

Legal Status (No,Type,Date,Code,Text):
AT 150632 R 970415 AT REF CORRESPONDS TO EP-PATENT
(ENTSPRICHT EP-PATENT)
EP 612228 P 970326
AT 150632 R 971015 AT UEP PUBLICATION OF TRANSLATION OF
EUROPEEN PATENT SPECIFICATION (UEBERSETZUNG
DER EUROPÆISCHEN PATENTSCHRIFT AUSGEGEBEN)

GERMANY (DE)

Patent (No,Kind,Date): DE 69218619 C0 970430
BESTRAHLUNGSVORRICHTUNG ZUR HYPERTHERMIE (German)
Patent Assignee: FONDAZIONE CENTRO SAN RAFFAELE (IT)
Author (Inventor): LEV AVIGDOR (IT)
Priority (No,Kind,Date): IT 91MI 2993 A 911111; WO 92IT142 W
921110
Applic (No,Kind,Date): DE 69218619 A 921110
IPC: * A61B-017/36
Derwent WPI Acc No: * G 93-182176
Language of Document: German
Patent (No,Kind,Date): DE 69218619 T2 970703
BESTRAHLUNGSVORRICHTUNG ZUR HYPERTHERMIE (German)
Patent Assignee: FONDAZIONE CENTRO SAN RAFFAELE (IT)
Author (Inventor): LEV AVIGDOR (IT)
Priority (No,Kind,Date): IT 91MI 2993 A 911111; WO 92IT142 W
921110
Applic (No,Kind,Date): DE 69218619 A 921110
IPC: * A61B-017/36
Derwent WPI Acc No: * G 93-182176
Language of Document: German

GERMANY (DE)

Legal Status (No,Type,Date,Code,Text):
DE 69218619 P 970430 DE REF CORRESPONDS TO (ENTSPRICHT)

DE 69218619 P 970703 EP 612228 P 970430
 DE 8373 TRANSLATION OF PATENT DOCUMENT
 OF EUROPEAN PATENT WAS RECEIVED AND HAS BEEN
 PUBLISHED (UEBERSETZUNG DER PATENTSCHRIFT
 DES EUROPÄISCHEN PATENTES IST EINGEGANGEN
 UND VERÖFFENTLICHT WORDEN)
 DE 69218619 P 980423 DE 8364 NO OPPOSITION DURING TERM OF
 OPPOSITION (EINSPRUCHSFRIST ABGELAUFEN OHNE
 DASS EINSPRUCH ERHOBEN WURDE)

DENMARK (DK)

Patent (No,Kind,Date): DK 612228 T3 970505
 UDSTRAALINGSINDRETNING TIL HYPERTERMI (Danish)
 Patent Assignee: FONDAZIONE CENTRO SAN RAFFAELE (IT)
 Author (Inventor): LEV AVIGDOR (IT)
 Priority (No,Kind,Date): IT 91MI 2993 A 911111
 Applic (No,Kind,Date): DK 9292924853 A 921110
 IPC: * A61B-017/36
 Derwent WPI Acc No: * G 93-182176
 Language of Document: Danish

EUROPEAN PATENT OFFICE (EP)

Patent (No,Kind,Date): EP 612228 A1 940831
 A RADIATING DEVICE FOR HYPERTHERMIA. (English; French; German)
 Patent Assignee: FONDAZIONE CENTRO SAN RAFFAELE (IT)
 Author (Inventor): LEV AVIGDOR (IT)
 Priority (No,Kind,Date): WO 92IT142 W 921110; IT 91MI 2993 A
 911111
 Applic (No,Kind,Date): EP 92924853 A 921110
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IT;
 LI; LU; MC; NL; SE
 IPC: * A61B-017/36
 Derwent WPI Acc No: * G 93-182176
 Language of Document: English
 Patent (No,Kind,Date): EP 612228 B1 970326
 A RADIATING DEVICE FOR HYPERTHERMIA (English; French; German)
 Patent Assignee: FONDAZIONE CENTRO SAN RAFFAELE (IT)
 Author (Inventor): LEV AVIGDOR (IT)
 Priority (No,Kind,Date): WO 92IT142 W 921110; IT 91MI 2993 A
 911111
 Applic (No,Kind,Date): EP 92924853 A 921110
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IT;
 LI; LU; MC; NL; SE
 IPC: * A61B-017/36
 Derwent WPI Acc No: * G 93-182176
 Language of Document: English

EUROPEAN PATENT OFFICE (EP)

Legal Status (No,Type,Date,Code,Text):
 EP 612228 P 911111 EP AA PRIORITY (PATENT APPLICATION)
 (PRIORITAET (PATENTANMELDUNG))
 IT 91MI 2993 A 911111
 EP 612228 P 921110 EP AA PCT-APPLICATION (PCT-ANMELDUNG)
 WO 92IT142 W 921110
 EP 612228 P 921110 EP AE EP-APPLICATION (EUROPÄISCHE
 ANMELDUNG)
 EP 92924853 A 921110
 EP 612228 P 940831 EP AK DESIGNATED CONTRACTING STATES IN
 AN APPLICATION WITH SEARCH REPORT (IN EINER

ANMELDUNG BENANNTE VERTRAGSSTAATEN)
 AT BE CH DE DK ES FR GB GR IT LI LU MC NL SE
 EP 612228 P 940831 EP A1 PUBLICATION OF APPLICATION WITH
 SEARCH REPORT (VEROEFFENTLICHUNG DER
 ANMELDUNG MIT RECHERCHENBERICHT)
 EP 612228 P 940831 EP 17P REQUEST FOR EXAMINATION FILED
 (PRUEFUNGSANTRAG GESTELLT)
 940603
 EP 612228 P 970303 EP ITF IT: TRANSLATION FOR A EP PATENT
 FILED (IT: DEPOSITO TRADUZIONE DI BREVETTO
 EUROPEO)
 SOCIETA' ITALIANA BREVETTI S.P.A.
 EP 612228 P 970326 EP AK DESIGNATED CONTRACTING STATES
 MENTIONED IN A PATENT SPECIFICATION: (IN
 EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE
 VERTRAGSSTAATEN)
 AT BE CH DE DK ES FR GB GR IT LI LU MC NL SE
 EP 612228 P 970326 EP B1 PATENT SPECIFICATION
 (PATENTSCHRIFT)
 EP 612228 P 970326 EP REF IN AUSTRIA REGISTERED AS: (IN
 AT EINGETRAGEN ALS:)
 AT 150632 R 970415
 EP 612228 P 970327 CH EP/REG ENTRY IN THE NATIONAL PHASE
 (EINTRITT IN DIE NATIONALE PHASE)
 EP 612228 P 970327 CH EP/REG ENTRY IN THE NATIONAL PHASE
 (EINTRITT IN DIE NATIONALE PHASE)
 EP 612228 P 970430 EP REF CORRESPONDS TO: (ENTSPRICHT)
 DE 69218619 P 970430
 EP 612228 P 970505 DK T3/REG TRANSLATION OF EP PATENT
 EP 612228 P 970530 EP ET FR: TRANSLATION FILED (FR:
 TRADUCTION A ETE REMISE)
 EP 612228 P 970616 ES FG2A/REG DEFINITIVE PROTECTION
 (PROTECCION DEFINITIVA)
 2100369T3
 EP 612228 P 980318 EP 26N NO OPPOSITION FILED (KEIN
 EINSPRUCH EINGELEGT)

SPAIN (ES)

Patent (No,Kind,Date): ES 2100369 T3 970616
 APARATO RADIANTE PARA HIPERTERMIA. (Spanish)
 Patent Assignee: FONDAZIONE CENTRO SAN RAFFAELE
 Author (Inventor): LEV AVIGDOR (IT)
 Priority (No,Kind,Date): IT 91MI 2993 A 911111
 Applic (No,Kind,Date): ES 92924853 EP 921110
 Addnl Info: 0612228 EP patent valid in AT
 IPC: * A61B-017/36
 Derwent WPI Acc No: * G 93-182176
 Language of Document: Spanish

SPAIN (ES)

Legal Status (No,Type,Date,Code,Text):
 ES 2100369 P 970616 ES FG2A DEFINITIVE PROTECTION
 (PROTECCION DEFINITIVA)
 612228

GREECE (GR)

Patent (No,Kind,Date): GR 3023121 T3 970730
 A RADIATING DEVICE FOR HYPERTERMIA. (English)
 Patent Assignee: FONDAZIONE CENTRO SAN RAFFAELE (IT)
 Author (Inventor): LEV AVIGDOR (IT)

Best Available Copy

Priority (No,Kind,Date): IT 91MI 2993 A 911111; WO 92IT142 W
921110
Applc (No,Kind,Date): GR 403505 A 970414
IPC: * A61B-017/36
Derwent WPI Acc No: * G 93-182176
Language of Document: Greek

ITALY (IT)

Patent (No,Kind,Date): IT 1251997 A 950527
DISPOSITIVO RADIANTE PER IPERTERMIA (Italian)
Patent Assignee: SAN ROMANELLO CENTRO FOND
Author (Inventor): LEV AVIGDOR
Priority (No,Kind,Date): IT 91MI 2993 A 911111
Applc (No,Kind,Date): IT 91MI 2993 A 911111
IPC: * A61N
Derwent WPI Acc No: * G 93-182176
Language of Document: Italian
Patent (No,Kind,Date): IT 91502993 A0 911111
DISPOSITIVO RADIANTE PER IPERTERMIA (Italian)
Patent Assignee: FONDAZIONE CENTRO SAN ROMANELLI (IT)
Author (Inventor): LEV AVIGDOR
Priority (No,Kind,Date): IT 91MI 2993 A 911111
Applc (No,Kind,Date): IT 91MI 2993 A 911111
Derwent WPI Acc No: * G 93-182176
Language of Document: Italian

JAPAN (JP)

Patent (No,Kind,Date): JP 7504824 T2 950601
Priority (No,Kind,Date): WO 92IT142 W 921110; IT 91MI 2993 A
911111
Applc (No,Kind,Date): JP 92509133 A 921110
IPC: * A61F-007/12; A61N-005/02
Derwent WPI Acc No: * G 93-182176
Language of Document: Japanese

UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5431648 A 950711
RADIATING DEVICE FOR HYPERTERMIA (English)
Patent Assignee: FONDAZIONE CENTRO S RAFFAELE D (IT)
Author (Inventor): LEV AVIGDOR
Priority (No,Kind,Date): IT 91MI 2993 A 911111; WO 92IT142 W
921110
Applc (No,Kind,Date): US 232190 A 940503
National Class: * 606027000; 607101000; 607105000; 604096000
IPC: * A61B-001/00
Derwent WPI Acc No: * G 93-182176
Language of Document: English

UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):

US 5431648	P	911111	US AA	PRIORITY (PATENT)
			IT 91MI 2993	A 911111
US 5431648	P	921110	US AA	PCT-APPLICATION (PCT-APPL.)
			WO 92IT142	W 921110
US 5431648	P	940503	US AE	APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))	
			US 232190	A 940503
US 5431648	P	950711	US A	PATENT
US 5431648	P	960213	US CC	CERTIFICATE OF CORRECTION
US 5431648	P	980609	US RF	REISSUE APPLICATION FILED

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(REISSUE APPL. FILED)
970708

WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)

Patent (No,Kind,Date): WO 9309724 A1 930527

A RADIATING DEVICE FOR HYPERTHERMIA (English)

Patent Assignee: FONDAZIONE CENTRO SAN ROMANELLI (IT)

Author (Inventor): LEV AVIGDOR (IT)

Priority (No,Kind,Date): IT 91MI 2993 A 911111

Appl (No,Kind,Date): WO 92IT142 A 921110

Designated States: (National) CA; JP; KR; LK; SE; US (Regional) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LU; MC; NL; SE

Filing Details: WO 130000. With international search report; Before expiration of time limit for amending the claims and to be republished in the event of the receipt of the amendments

IPC: * A61B-017/36

Derwent WPI Acc No: ; G 93-182176

Language of Document: English

WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)

Legal Status (No,Type,Date,Code,Text):

WO 9309724 P 911111 WO AA PRIORITY (PATENT)
IT 91MI 2993 A 911111

WO 9309724 P 921110 WO AE APPLICATION DATA (APPL. DATA)

WO 9309724 P 930527 WO 92IT142 A 921110
WO AK DESIGNATED STATES CITED IN A
PUBLISHED APPLICATION WITH SEARCH REPORT
(DESIGNATED STATES CITED IN A PUBLISHED APPL.
WITH SEARCH REPORT)
CA JP KR LK SE US

WO 9309724 P 930527 WO AL DESIGNATED COUNTRIES FOR
REGIONAL PATENTS CITED IN A PUBLISHED
APPLICATION WITH SEARCH REPORT (DESIGNATED
COUNTRIES FOR REGIONAL PATENTS CITED IN A
PUBLISHED APPL. WITH SEARCH REPORT)

WO 9309724 P 930527 AT BE CH DE DK ES FR GB GR IE IT LU MC NL SE
WO A1 PUBLICATION OF THE INTERNATIONAL
APPLICATION WITH THE INTERNATIONAL SEARCH
REPORT (PUB. OF THE INTERNATIONAL APPL. WITH
THE INTERNATIONAL SEARCH REPORT)

WO 9309724 P 930722 WO DFPE DEMAND FOR INTERNATIONAL
APPLICATION FILED PRIOR TO EXPIRATION OF 19TH
MONTH FROM PRIORITY DATE (DEMAND FOR
INTERNATIONAL APPL. FILED PRIOR TO EXPIRATION
OF 19TH MONTH FROM PRIORITY DATE)

WO 9309724 P 940503 WO ENP ENTRY INTO THE NATIONAL PHASE
IN:

WO 9309724 P 940506 WO ENP ENTRY INTO THE NATIONAL PHASE
IN: